Project Title	Funding	Strategic Plan Objective	Institution
GABRB3 and placental vulnerability in ASD	$523,820	Q2.S.A	Stanford University
Prostaglandins and cerebellum development	$356,400	Q2.S.A	University of Maryland, Baltimore
Autoimmunity against novel antigens in neuropsychiatric dysfunction	$307,200	Q2.S.A	University of Pennsylvania
MATERNAL BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER	$190,577	Q2.S.A	Feinstein Institute for Medical Research
Mitochondrial dysfunction due to aberrant mTOR-regulated mitophagy in autism	$183,568	Q2.S.A	Columbia University
Neuroimmunologic investigations of autism spectrum disorders (ASD)	$162,856	Q2.S.F	National Institutes of Health
The mechanism of the maternal infection risk factor for autism	$150,000	Q2.S.A	California Institute of Technology
Folate receptor autoimmunity in Autism Spectrum Disorders	$149,755	Q2.S.A	State University of New York, Downstate Medical Center
Roles of pro-inflammatory Th17 cells in autism	$124,989	Q2.S.A	New York University
Role of microglia and complement at developing synapses in ASD	$122,500	Q2.S.A	Boston Children's Hospital
Project 3: Immune environment interaction and neurodevelopment	$109,725	Q2.S.A	University of California, Davis
Bone marrow transplantation and the role of microglia in autism	$109,651	Q2.S.A	University of Virginia
Anti-Neuronal Autoantibodies in PANDAS and Autism Spectrum Disorders	$100,000	Q2.S.A	University of Oklahoma Health Sciences Center
Hyperthermia and the amelioration of autism symptoms	$66,153	Q2.S.A	Montefiore Medical Center
GABRB3 and prenatal immune events leading to autism	$62,500	Q2.S.A	Stanford University
Fever, meningeal immunity and immune factors in autism	$59,500	Q2.S.A	University of Virginia
The role of brainstem NTS inflammation and oxidative stress in Autism	$43,000	Q2.S.A	Wadsworth Center
Sensitive periods in cerebellar development	$32,941	Q2.S.A	University of Maryland, Baltimore
Convergence of immune and genetic signaling pathways in autism and schizophrenia	$29,430	Q2.S.A	University of California, Davis
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	$28,600	Q2.S.A	University of California, Davis
Denritic Cell Function in Autism	$26,920	Q2.S.A	MIND Institute
ASD - Inflammatory Subtype: Molecular Mechanisms	$20,148	Q2.S.A	Rutgers University
Brain mitochondrial abnormalities in autism	$0	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	$0	Q2.S.A	Hartwick College
Mechanisms of mitochondrial dysfunction in autism	$0	Q2.S.A	Georgia State University

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Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	$0	Q2.S.A	University of Southern California
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	$0	Q2.Other	Columbia University
Mechanisms of synaptic alterations in a neuroinflammation model of autism	$0	Q2.S.A	University of Nebraska Medical Center
3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics	$0	Q2.Other	Massachusetts General Hospital
Autism spectrum disorders –inflammatory subtype: Molecular characterization	$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
Exploring metabolic dysfunction in the brains of people with autism	$0	Q2.S.A	George Washington University